

-continued

<220> FEATURE:

<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer

<400> SEQUENCE: 258

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21

What is claimed is:

1. A method for treating cancer comprising:
treating a patient having a cancerous tumor with a gene inhibitor pre-operatively to inhibit upregulation of a particular gene;
surgically removing the cancerous tumor;
treating the patient with the gene inhibitor intra-operatively to inhibit upregulation of a particular gene;
applying cold atmospheric plasma to surgical margins around the area in the patient from which the tumor was surgically removed; and
treating the patient with the gene inhibitor post-operatively.
2. A method for treating cancer according to claim 1 wherein said cancer comprises triple negative breast cancer.

3. A method for treating cancer according to claim 1 wherein said particular gene comprises BCL2A1.

4. A method for treating cancer according to claim 2 wherein said gene inhibitor comprises CPI203.

5. A method for treating cancer according to claim 1 wherein said pre-operative treating a patient with a gene inhibitor is within 24 hours of surgical removal of the cancerous tumor.

6. A method for treating cancer according to claim 1 wherein said post-operative treatment of a patient with a gene inhibitor is within 24 hours after surgical removal of the cancerous tumor.

7. A method for treating cancer according to claim 1 wherein said applying cold plasma comprises applying cold plasma at a power setting of 80 p.

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